



Docket No. 20606 US1 (C038435/0173527)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Hans-Peter HOHMANN, *et al.* ) Examiner: Not Yet Assigned  
Parent Serial No.: 10/681,086 ) Art Unit: 1652  
Parent Filed: October 8, 2003 )  
For: **PROCESS FOR PRODUCING A** )  
**TARGET FERMENTATION PRODUCT** )

New York, New York  
January 8, 2004

**INFORMATION DISCLOSURE STATEMENT UNDER RULE 1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record the following documents (Forms PTO-1449 are enclosed). Copies of these documents are not being submitted herewith, because each was made of record in Parent Application Serial No. 09/633,927, filed August 8, 2000, now United States Patent No. 6,656,721, to which the present application claims benefit under 35 USC §120. See, 37 CFR 1.98(d).

**U.S. PATENT DOCUMENTS**

A1 5,837,528  
A2 5,773,267

### FOREIGN PATENT DOCUMENTS

B1 WO 88/09822  
B2 EP 0 730 034 A1  
B3 WO 91/11523  
B4 GB 952,091

### OTHER DOCUMENTS

- C1 Perlman, *et al.*, "Fermentation," Ind. Eng. Chem., pp. 1996-2001 (1952)
- C2 Mack, *et al.*, "Regulation of Riboflavin Biosynthesis in *Bacillus subtilis* Is Affected by the Activity of the Flavokinase/Flavin Adenine Dinucleotide Synthetase Encoded by *ribC*," J. Bact., Vol. 180, No. 4, pp. 950-955 (1998)
- C3 Perkins, *et al.*, "Genetic engineering of *Bacillus subtilis* for the commercial production of riboflavin," J. Ind. Microbiol. Biotechnol., Vol. 22, pp. 8-18 (1999)
- C4 Saito, *et al.*, "Mapping of Genes Determining Nonpermissiveness and Host-Specific Restriction to Bacteriophages in *Bacillus subtilis* Marburg," Molec. Gen. Genet., Vol. 170, pp. 117-122 (1979)
- C5 Itaya, *et al.*, "A neomycin resistance gene cassette selectable in a single copy state in the *Bacillus subtilis* chromosome," Nucleic Acids Res., Vol. 17, No. 11, pp. 4410 (1989)
- C6 Dev, *et al.*, "Regulation of Synthesis of Serine Hydroxymethyltransferase in Chemostat Cultures of *Escherichia coli*," Journal of Biological Chemistry, Vol. 269, No. 13, pp. 8394-8401 (1984)
- C7 Kiss, *et al.*, "Culture Instability of Auxotrophic Amino Acid Producers," Biotechnology and Bioengineering, Vol. 40, pp. 75-85 (1992)
- C8 Krämer, "Genetic and Physiological Approaches for the Production of Amino Acids," Journal of Biotechnology, Vol. 45, pp. 1-21 (1996)

Applicants request that these documents be considered by the Examiner before issuance of a first office action on the merits and made of record in this file. The

Examiner is also asked to initial and return a copy of the enclosed PTO-1449 forms to evidence such consideration.

This Information Disclosure Statement is being filed in accordance with the following provisions:

- ☒ 37 CFR § 1.97(b)(3) To the best of the undersigned's knowledge, before the mailing date of a first Office Action on the merits. No fee is required.

If it is determined that a fee is required as set forth in 37 CFR § 1.17(p) or if any additional fees are required, please charge such fee to Deposit Account No. 02-4467. A duplicate copy of this document is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 8, 2004.

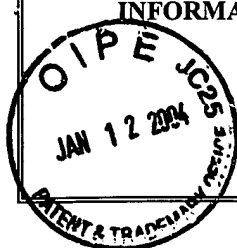
  
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Respectfully submitted,

By: 

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Form PTO-1449 (Rev. )	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 20606 US1 (C038435/0173527)	SERIAL NO. 10/681,086
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		APPLICANT Hans-Peter HOHMANN, et al.	
		FILING DATE October 8, 2003	GROUP 1652



## U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	U.S. Patent Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	5,837,528	11/1998	Perkins, <i>et al.</i>			
	A2	5,773,267	6/1998	Jacobs, <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
	B1	WO 88/09822	12/1988	PCT			Yes	No
	B2	EP 0 730 034 A1	9/1996	Europe				
	B3	WO 91/11523	8/1991	PCT				
	B4	GB 952,091	3/1964	Great Britain				


## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C1	Perlman, <i>et al.</i> , "Fermentation," <u>Ind. Eng. Chem.</u> , pp. 1996-2001 (1952)
C2	Mack, <i>et al.</i> , "Regulation of Riboflavin Biosynthesis in <i>Bacillus subtilis</i> Is Affected by the Activity of the Flavokinase/Flavin Adenine Dinucleotide Synthetase Encoded by <i>ribC</i> ," <u>J. Bact.</u> , Vol. 180, No. 4, pp. 950-955 (1998)
C3	Perkins, <i>et al.</i> , "Genetic engineering of <i>Bacillus subtilis</i> for the commercial production of riboflavin," <u>J. Ind. Microbiol. Biotechnol.</u> , Vol. 22, pp. 8-18 (1999)
C4	Saito, <i>et al.</i> , "Mapping of Genes Determining Nonpermissiveness and Host-Specific Restriction to Bacteriophages in <i>Bacillus subtilis</i> Marburg," <u>Molec. Gen. Genet.</u> , Vol. 170, pp. 117-122 (1979)
C5	Itaya, <i>et al.</i> , "A neomycin resistance gene cassette selectable in a single copy state in the <i>Bacillus subtilis</i> chromosome," <u>Nucleic Acids Res.</u> , Vol. 17, No. 11, pp. 4410 (1989)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C6	Dev, <i>et al.</i> , "Regulation of Synthesis of Serine Hydroxymethyltransferase in Chemostat Cultures of <i>Escherichia coli</i> ," <u>Journal of Biological Chemistry</u> , Vol. 269, No. 13, pp. 8394-8401 (1984)
C7	Kiss, <i>et al.</i> , "Culture Instability of Auxotrophic Amino Acid Producers," <u>Biotechnology and Bioengineering</u> , Vol. 40, pp. 75-85 (1992)
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